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| Substitute for Form 1449/PTO | | Application Number 10/501,442 | Filing Date: July 13, 2004 371 Date: October 29, 2005 | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | First Named Inventor KEROVUO, Janne | | |
| | | Docket Number D2000-1WUS | | |
| | | Examiner Name Sheridan Swope | Art Unit 1652 | |
| | | Mailing Date Januray 3, 2007 | | |

| U.S. PATENT DOCUMENTS | | | | | |
|------------------------------|------------------------------------|-------------------------------|--|---|---|
| Examiner Initials | Cite ¹ No. ¹ | Publication Date (MM-DD-YYYY) | <u>Document No.</u> Number-Kind Code ² (<i>if known</i>) | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | 1. | 02-19-2004 | US 2004/0034888 A1 | Liu, et. al. | |

| FOREIGN PATENT DOCUMENTS | | | | | |
|---------------------------------|-----------------------|-------------------------------|---|---|---|
| Examiner Initials | Cite ¹ No. | Publication Date (MM-DD-YYYY) | <u>Document No.</u> Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>) | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | 2. | 05-11-2000 | WO 00/26464 A2 | Novo Nordisk Biochem North America, Inc. | |
| | 3. | 10-25-2001 | WO 01/79440 A2 | Novozymes A/S | |

| NON PATENT LITERATURE DOCUMENTS | | | | | |
|--|-----------------------|---|--|--|----------------|
| Examiner Initials | Cite ¹ No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, volume-issue number(s), page(s), publisher, city and/or country where published. | | | T ⁶ |
| | 4. | TAKAO, et. Al., "Molecular cloning, DNA sequence, and expression of the gene encoding for thremostable pectate lyase of thermophilic <i>Bacillus</i> sp. TS 47", <i>Bioscience Biotechnology and Biochemistry</i> , 2001, 65(2):322-329. | | | |
| | 5. | KLUSKENS, et. al., "Molecular and biochemical characterization of the thermoactive family 1 pectate lyase from the hyperthermophilic bacterium <i>Thermotoga maritima</i> .", <i>Biochem J.</i> , 2003, 370(2):615-659. | | | |
| | 6. | EMBL Database AE012106, May 28, 2002 | | | |
| | 7. | UNIPROT Database Q8A5I5, June 1, 2003 | | | |

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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PATENT
ATTORNEY DOCKET NO.: D2000-1WUS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: KEROVUO et al. Art Unit: Sheridan Swope
Application No.: 10/501,442 Examiner: 1652
Filed: July 13, 2004 Conf. No: 8134
Title: A Pectate Lyases, Nucleic Acids
Encoding Them and Methods for
Making and Using Them

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Arlington, V.A., 22313-1450

SECOND SUPPLEMENTARY INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97 & 1.98

Dear Sir:

In accordance with 37 C.F.R. §1.97 & 1.98, Applicant submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

The documents listed on the attached Form PTO/SB/08a/b were cited in a Supplementary Partial European Search Report mailed on December 28, 2006, directed to a counterpart foreign application and have not been previously cited. A certification under 37 C.F.R. § 1.97(e)(1) follows:

I hereby certify that each item of information was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

In re Application of:
KEROVUO et al.
Application No.: 10/501,442
Filing Date: July 13, 2004
Page 2

PATENT
Attorney Docket No.: D2000-1WUS

The Information Disclosure Statement is submitted:

Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. §1.97(e)(1) has been provided.

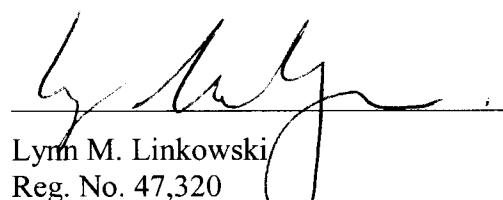
Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. §1.97 & 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Although no fee is deemed necessary in connection with the filing of this Information Disclosure Statement, in the event that the U.S.P.T.O. determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other fees associated with this the filing of this document to **Deposit Account No. 50-0661**, referencing docket no. D2000-1WUS.

Respectfully submitted,

Date: 1/3/2007
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